

## EAST Search History

| Ref # | Hits   | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--|------------------|---------|------------------|
| S3    | 12     | "Lewontin".IN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/02 10:25 |
| S4    | 12038  | (web! ADJ service)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/02 10:26 |
| S5    | 153144 | SOAP OR (simple ADJ object ADJ<br>access ADJ protocol)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/02 10:27 |
| S6    | 117884 | SOAP! OR (simple! ADJ object! ADJ<br>access! ADJ protocol!) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/06 15:41 |
| S7    | 25     | 708/206   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/02 15:56 |
| S8    | 10187  | 709/217   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/02 15:26 |
| S9    | 5979   | 709/201   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2007/03/02 15:28 |

## EAST Search History

|     |        |  |  |     |    |                  |
|-----|--------|--|--|-----|----|------------------|
| S10 | 3243   | 709/246  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 17:02 |
| S11 | 1329   | 709/233  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/02 15:28 |
| S12 | 12038  | (web! ADJ service)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/02 15:57 |
| S13 | 117884 | SOAP! OR (simple! ADJ object! ADJ access! ADJ protocol!)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/02 15:57 |
| S14 | 3202   | S13 AND S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/02 16:04 |
| S15 | 32     | reduced SAME web! SAME services! SAME messages!              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/02 16:37 |
| S16 | 5      | (reduced SAME web! SAME services! SAME messages!) AND binary | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/02 16:38 |

## EAST Search History

|     |       |  |  |     |    |                  |
|-----|-------|--|--|-----|----|------------------|
| S17 | 12045 | (web! ADJ service)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 08:34 |
| S18 | 2709  | (web! ADJ service) SAME<br>(message)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 14:33 |
| S19 | 1262  | S18 AND (reduced OR size)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 08:50 |
| S20 | 801   | S18 AND ((reduc\$4 OR size OR<br>partial OR (subset OR (sub ADJ set)<br>OR sub-set)) SAME message)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 08:51 |
| S21 | 802   | S18 AND ((reduc\$4 OR size OR<br>conden\$3 OR partial OR (subset OR<br>(sub ADJ set) OR sub-set)) SAME<br>message) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 11:23 |
| S22 | 100   | S21 AND (SOAP OR XML OR binary)<br>AND (variant OR invariant)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 09:28 |
| S23 | 455   | 717/143  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 11:38 |

## EAST Search History

|     |       |  |  |     |    |                  |
|-----|-------|--|--|-----|----|------------------|
| S24 | 71    | S18 AND ((reduc\$4 OR size OR conden\$3 OR partial OR (subset OR (sub ADJ set) OR sub-set)) ADJ message) OR ((redundent ADJ data) OR (SMS OR (short ADJ message ADJ message))) AND ((reproduced OR reconstructed) ADJ message) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 11:26 |
| S25 | 1001  | 709/214  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 15:13 |
| S26 | 2817  | 709/213  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 12:25 |
| S27 | 6959  | 709/206  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:29 |
| S28 | 11101 | 709/223  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 12:46 |
| S29 | 0     | (reduc\$5 ADJ repetitive! ADJ data! ADJ transfer!)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 12:48 |
| S30 | 1     | (reduc\$5 ADJ repetitive! ADJ data! ADJ transfer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 12:51 |

## EAST Search History

|     |      |   |  |     |    |                  |
|-----|------|---|--|-----|----|------------------|
| S31 | 3987 | 711/118   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 12:49 |
| S32 | 2    | (encod\$4 ADJ message) SAME<br>(web! ADJ servic\$3) AND (variant<br>OR invariant) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 13:04 |
| S33 | 58   | (binary ADJ (encod\$4 ADJ<br>message))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 13:05 |
| S34 | 4285 | 709/230   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 15:14 |
| S35 | 2    | "6976093".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 16:43 |

# EAST Search History

|                      |     |  |                              |     |    |                  |
|----------------------|-----|--|------------------------------|-----|----|------------------|
| S36                  | 141 | ("4750135"   "5179652"  <br>"5223924"   "5321803"   "5341477"<br>  "5367698"   "5418945"  <br>"5434994"   "5440739"   "5459837"<br>  "5475813"   "5586322"  <br>"5611049"   "5613155"   "5617540"<br>  "5623652"   "5630116"  <br>"5655081"   "5664111"   "5675784"<br>  "5682525"   "5689642"  <br>"5694546"   "5696963"   "5708780"<br>  "5715443"   "5715453"  <br>"5717860"   "5724567"   "5729735"<br>  "5742768"   "5758257"  <br>"5761507"   "5765171"   "5774660"<br>  "5774668"   "5777989"  <br>"5781449"   "5812793"   "5819284"<br>  "5832511"   "5848270"  <br>"5862335"   "5867706"   "5870559"<br>  "5881238"   "5884324"  <br>"5892908"   "5892914"   "5894554"<br>  "5903757"   "5917491"  <br>"5924096"   "5933490"   "5933596"<br>  "5933606"   "5940594"  <br>"5951643"   "5951694"   "5954798"<br>  "5956716"   "5958008"  <br>"5958016"   "5964836"   "5974441"<br>  "5974462"   "5974572"  <br>"5978802"   "5978805"   "5987476"<br>  "5987523"   "5991798"  <br>"5999930"   "6006260"   "6006264"<br>  "6009102"   "6014137"  <br>"6014437"   "6016496"   "6016504"<br>  "6021439"   "6023722"  <br>"6026414"   "6026452"   "6029175"<br>  "6035323"   "6035332"  <br>"6037935"   "6041041"   "6044381"<br>  "6052718"   "6061683"  <br>"6061740"   "6070191"   "6085234"<br>  "6088721"   "6094659"  <br>"6098093"   "6101508"   "6108300"<br>  "6112239"   "6122658"  <br>"6128279"   "6138162"   "6148335"<br>  "6167567"   "6169794"  <br>"6173322"   "6182117"   "6182139"<br>  "6185601"   "6189043"  <br>"6202085"   "6223187"   "6233543"<br>  "6240454"   "6243715"  <br>"6256675"   "6272593"   "6279001"<br>  "6286045"   "6304881"  <br>"6314463"   "6317754"  <br>"6317786").PN. OR ("6330568"  <br>"6330602"   "6339785"   "6381242"<br>  "6385626"   "6405252"  <br>"6424966"   "6446088"   "6460036"<br>  "6460040"   "6477522"  <br>"6484204"   "6519626"   "6631395"<br>  "6654891"   "6678717").PN. OR<br>("6976093").ORPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON | 2007/03/05 17:01 |
| 3/15/2007 2:30:13 PM |     | C:\Documents and Settings\woodchid\My Documents\EAST\Workspaces\10662059.wsp   |                              |     |    | Page 6           |

## EAST Search History

|     |      |  |  |     |    |                  |
|-----|------|--|--|-----|----|------------------|
| S37 | 1446 | 709/248  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 18:34 |
| S38 | 1    | S37 AND ((web ADJ service) SAME binary)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 18:36 |
| S39 | 15   | S37 AND ((web ADJ service) AND binary)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/05 18:36 |
| S40 | 0    | ((web! ADJ service) AND (message)) SAME (static ADJ message) SAME optimiz\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 14:35 |
| S41 | 0    | ((web! ADJ service) AND (message)) AND (static ADJ message) SAME optimiz\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 14:35 |
| S42 | 5    | ((web! ADJ service) AND (message)) AND (static SAME message) SAME optimiz\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:03 |
| S43 | 2    | "7054917".PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:06 |

## EAST Search History

|     |       |               |  |     |    |                  |
|-----|-------|---------------|--|-----|----|------------------|
| S44 | 2     | "7069446".PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:08 |
| S45 | 2     | "6845500".PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:56 |
| S46 | 14372 | 707/10        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:29 |
| S47 | 25    | 708/206       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S48 | 10233 | 709/217       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S49 | 5994  | 709/201       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S50 | 3255  | 709/246       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |



## EAST Search History

|     |       |         |  |     |    |                  |
|-----|-------|---------|--|-----|----|------------------|
| S51 | 458   | 717/143 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S52 | 1004  | 709/214 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S53 | 2826  | 709/213 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S54 | 6979  | 709/206 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S55 | 11148 | 709/223 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S56 | 3996  | 711/118 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S57 | 4301  | 709/230 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |

## EAST Search History

|     |       |  |  |     |    |                  |
|-----|-------|--|--|-----|----|------------------|
| S58 | 1452  | 709/248  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S59 | 14372 | 707/10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/06 15:42 |
| S60 | 45912 | S47 S48 S49 S50 S51 S56 S57 S52<br>S53 S54 S55 S58 S59   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/06 15:43 |
| S61 | 11    | S60 AND ((dynamic SAME static)<br>NEAR3 (content OR message))<br>SAME cache AND ((web NEAR3<br>(content OR service))) AND binary | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/06 15:59 |
| S62 | 44    | S60 AND ((dynamic SAME static)<br>NEAR3 (content OR message))<br>SAME cache AND ((web NEAR3<br>(content OR service)))            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/06 16:17 |
| S63 | 25    | 708/206  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S64 | 10233 | 709/217  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |

## EAST Search History

|     |       |         |  |     |    |                  |
|-----|-------|---------|--|-----|----|------------------|
| S65 | 5994  | 709/201 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S66 | 3255  | 709/246 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S67 | 458   | 717/143 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S68 | 1004  | 709/214 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S69 | 2826  | 709/213 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S70 | 6979  | 709/206 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S71 | 11148 | 709/223 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |

## EAST Search History

|     |       |   |  |     |    |                  |
|-----|-------|---|--|-----|----|------------------|
| S72 | 3996  | 711/118   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S73 | 4301  | 709/230   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S74 | 1452  | 709/248   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S75 | 14372 | 707/10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:40 |
| S76 | 45912 | S63 S64 S65 S66 S67 S72 S73 S68<br>S69 S70 S71 S74 S75  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/07 07:40 |
| S77 | 44    | S76 AND ((dynamic SAME static)<br>NEAR3 (content OR message))<br>SAME cache AND ((web NEAR3<br>(content OR service))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/07 07:45 |
| S78 | 11    | S77 AND binary  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 07:41 |

## EAST Search History

|     |        |   |  |     |    |                  |
|-----|--------|---|--|-----|----|------------------|
| S79 | 0      | S76 AND ((dynamic SAME static) NEAR3 (content OR message) SAME cache) AND ((web NEAR3 (service)) NEAR3 message)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/07 07:46 |
| S80 | 0      | S76 AND ((dynamic SAME static) NEAR3 (content OR message)) SAME cache AND ((web NEAR3 (service)) NEAR3 message)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/07 07:47 |
| S81 | 2      | S76 AND ((dynamic OR static) NEAR3 (content OR message)) SAME (cache OR cookie) AND ((web NEAR3 (service)) NEAR3 message) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/07 07:49 |
| S82 | 2      | "7088995".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:23 |
| S83 | 153224 | soap OR (simple ADJ object ADJ access ADJ protocol)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:24 |
| S84 | 992    | S76 AND S83   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:25 |
| S85 | 364    | S76 AND S83 AND (cache OR caching)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:26 |

## EAST Search History

|     |      |  |  |     |    |                  |
|-----|------|--|--|-----|----|------------------|
| S86 | 329  | S76 AND S83 AND (cache OR caching) AND messag\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:29 |
| S87 | 254  | S86 AND (dynamic OR static OR redun\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:28 |
| S88 | 0    | S76 AND S83 AND (cache OR caching) AND messag\$4 AND (dynamic OR static OR redun\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:29 |
| S89 | 254  | S76 AND S83 AND (cache OR caching) AND messag\$4 AND (dynamic OR static OR redun\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:38 |
| S90 | 1267 | (soap OR (simple ADJ object ADJ access ADJ protocol)) AND (cache OR caching) AND messag\$4 AND (dynamic OR static OR redun\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:40 |
| S91 | 10   | (soap OR (simple ADJ object ADJ access ADJ protocol)) SAME (cach\$4) SAME messag\$4 SAME (dynamic OR static OR redun\$3)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 08:41 |
| S92 | 227  | web ADJ service ADJ message  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 10:03 |

## EAST Search History

|          |    |   |  |     |    |                  |
|----------|----|---|--|-----|----|------------------|
| S94      | 53 | (web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) AND<br>binary   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:22 |
| S95      | 42 | ((web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) AND<br>binary) AND (variant OR partial OR<br>dynamic OR static)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:06 |
| S96      | 13 | ((web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) AND<br>binary) AND ((variant OR partial OR<br>dynamic OR static) SAME message) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:06 |
| S97      | 75 | (web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) AND<br>cache\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:23 |
| S98      | 1  | (web ADJ service ADJ message)<br>SAME (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) SAME<br>cache\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:22 |
| S99      | 75 | (web! ADJ service ADJ message)<br>AND (soap! OR (simple! ADJ object!<br>ADJ access! ADJ protocol!)) AND<br>cache\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:25 |
| S10<br>0 | 81 | (web! ADJ service ADJ message)<br>AND (soap! OR (simple! ADJ object!<br>ADJ access! ADJ protocol!)) AND<br>(cache OR caching OR cached)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:26 |

## EAST Search History

|          |     |  |  |     |    |                  |
|----------|-----|--|--|-----|----|------------------|
| S10<br>1 | 79  | (web! ADJ service ADJ message)<br>AND (soap! OR (simple! ADJ object!<br>ADJ access! ADJ protocol!)) AND<br>(cache! OR caching! OR cached!)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:26 |
| S10<br>2 | 9   | (US-20040243685-\$ or<br>US-20040243944-\$ or<br>US-20040243645-\$ or<br>US-20040243560-\$ or<br>US-20040243556-\$ or<br>US-20040243554-\$ or<br>US-20040187083-\$).did. or<br>(US-7165239-\$ or US-7159007-\$).<br>did. | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/07 11:34 |
| S10<br>3 | 8   | S102 AND binary  | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/07 11:34 |
| S10<br>4 | 185 | (web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:41 |
| S10<br>5 | 0   | (web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) AND<br>@ad<="2003"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:43 |
| S10<br>6 | 39  | (web ADJ service ADJ message)<br>AND (soap OR (simple ADJ object<br>ADJ access ADJ protocol)) AND<br>(@AD<="20030912")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/07 11:46 |
| S10<br>7 | 9   | (US-20040243944-\$ or<br>US-20040243685-\$ or<br>US-20040243645-\$ or<br>US-20040243560-\$ or<br>US-20040243556-\$ or<br>US-20040243554-\$ or<br>US-20040187083-\$).did. or<br>(US-7165239-\$ or US-7159007-\$).<br>did. | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:31 |
| S10<br>8 | 9   | S107 AND SOAP  | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:32 |



## EAST Search History

|      |       |   |  |     |    |                  |
|------|-------|---|--|-----|----|------------------|
| S109 | 7     | S107 AND static   | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:32 |
| S110 | 6     | S107 AND (static SAME dynamic)  | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:32 |
| S111 | 0     | S107 AND ((static SAME dynamic) SAME message)   | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:33 |
| S112 | 2     | S107 AND ((static SAME dynamic) SAME content)   | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:41 |
| S113 | 96529 | (static OR invariant) SAME (dynamic OR variant)   | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:42 |
| S114 | 198   | ((static OR invariant) SAME (dynamic OR variant)) SAME ((web ADJ service) OR SOAP)  | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:43 |
| S115 | 1     | ((static! OR invariant!) SAME (dynamic OR variant!)) SAME ((web! ADJ service) OR SOAP OR (simple! ADJ object! ADJ access! ADJ protocol!)) SAME ((reduc\$5 OR size OR conden\$4 OR partial OR (subset OR (sub ADJ set) OR sub-set)) NEAR4 message) | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 08:47 |
| S116 | 2721  | (web! ADJ service) SAME (message)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 08:51 |
| S117 | 227   | S116 AND ((reduc\$4 OR size OR partial OR (subset OR (sub ADJ set) OR sub-set)) SAME message) AND @ad<"20030912"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 08:52 |
| S118 | 227   | (web! ADJ service) SAME (message) AND ((reduc\$4 OR size OR partial OR (subset OR (sub ADJ set) OR sub-set)) SAME message) AND @ad<"20030912"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 08:53 |
| S119 | 88    | (web! ADJ service) SAME (message) AND ((reduc\$4 OR size OR partial OR (subset OR (sub ADJ set) OR sub-set)) NEAR4 message) AND @ad<"20030912"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 09:31 |

## EAST Search History

|          |       |   |  |     |    |                  |
|----------|-------|---|--|-----|----|------------------|
| S12<br>0 | 110   | ((web! ADJ service) SAME (message)) AND ((reduc\$4 OR size OR partial OR (subset OR (sub ADJ set) OR sub-set)) NEAR4 (message OR encod\$4 OR content)) AND @ad<"20030912" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:20 |
| S12<br>1 | 47223 | binary ADJ (message OR representation OR data)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>2 | 25    | 708/206   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>3 | 10244 | 709/217   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>4 | 5995  | 709/201   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>5 | 3258  | 709/246   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>6 | 459   | 717/143   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |

## EAST Search History

|          |       |         |  |     |    |                  |
|----------|-------|---------|--|-----|----|------------------|
| S12<br>7 | 1004  | 709/214 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>8 | 2827  | 709/213 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S12<br>9 | 6984  | 709/206 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S13<br>0 | 11161 | 709/223 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S13<br>1 | 3997  | 711/118 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S13<br>2 | 4302  | 709/230 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S13<br>3 | 1452  | 709/248 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |

## EAST Search History

|          |       |   |  |     |    |                  |
|----------|-------|---|--|-----|----|------------------|
| S13<br>4 | 14372 | 707/10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:21 |
| S13<br>5 | 45947 | S122 S123 S124 S125 S126 S131<br>S132 S127 S128 S129 S130 S133<br>S134                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2007/03/12 10:21 |
| S13<br>6 | 1343  | binary ADJ (message OR<br>representation OR data) AND S135  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:23 |
| S13<br>7 | 0     | (binary ADJ (message OR<br>representation OR data)) AND S135<br>AND @ad<"200309"                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:25 |
| S13<br>8 | 1180  | (binary ADJ (message OR<br>representation OR data)) AND S135<br>AND @ad<"20030912"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:28 |
| S13<br>9 | 1274  | (binary ADJ (message OR<br>representation OR data OR<br>encod\$3)) AND S135 AND<br>@ad<"20030912" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 11:07 |
| S14<br>0 | 2     | "6990514".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:44 |

## EAST Search History

|          |    |   |  |     |    |                  |
|----------|----|---|--|-----|----|------------------|
| S14<br>1 | 2  | "6985965".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 10:44 |
| S14<br>2 | 1  | (binary ADJ (message OR representation OR data OR encod\$3)) AND S135 AND @ad<"20030912" AND 709/247 AND cookie                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 11:09 |
| S14<br>3 | 83 | (binary ADJ (message OR representation OR data OR encod\$3)) AND (S135 OR (709/247)) AND @ad<"20030912" AND cookie                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 11:17 |
| S14<br>4 | 20 | (S135 OR (709/247)) AND ((binary ADJ (message OR representation OR data OR encod\$3)) AND cookie AND (web! ADJ service)) AND @ad<"20030912" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 11:24 |
| S14<br>5 | 29 | ((binary ADJ (message OR representation OR data OR encod\$3)) AND cookie AND (web! ADJ service)) AND @ad<"20030912"                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 16:30 |
| S14<br>6 | 23 | ((binary ADJ (message OR representation OR data OR encod\$3)) AND delta AND (web! ADJ service)) AND @ad<"20030912"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 17:50 |
| S14<br>7 | 0  | (delta ADJ synch\$11) SAME (web! ADJ service ADJ message) AND @ad<"20030912"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 17:52 |

## EAST Search History

|          |    |  |  |     |    |                  |
|----------|----|--|--|-----|----|------------------|
| S14<br>8 | 0  | (delta ADJ synchronization) SAME<br>(web! ADJ service ADJ message)<br>AND @ad<"20030912"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 17:53 |
| S14<br>9 | 0  | (delta SAME synchronization) SAME<br>(web! ADJ service ADJ message)<br>AND @ad<"20030912"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 17:53 |
| S15<br>0 | 0  | (delta SAME synchronization) SAME<br>(web! ADJ service) AND<br>@ad<"20030912"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 17:53 |
| S15<br>1 | 15 | (delta SAME synchronization) AND<br>(web! ADJ service) AND<br>@ad<"20030912"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/03/12 17:53 |
| S15<br>2 | 20 | (US-20040243944-\$ or<br>US-20040243685-\$ or<br>US-20040243645-\$ or<br>US-20040243556-\$ or<br>US-20040243560-\$ or<br>US-20040243554-\$ or<br>US-20040187083-\$ or<br>US-20040044727-\$ or<br>US-20020040369-\$ or<br>US-20020029227-\$ or<br>US-20020010807-\$ or<br>US-20030101235-\$ or<br>US-20020194207-\$).did. or<br>(US-7165239-\$ or US-7159007-\$ or<br>US-6671757-\$ or US-6665634-\$ or<br>US-7117504-\$ or US-6738789-\$ or<br>US-6694336-\$).did. | US-PGPUB;<br>USPAT   | AND | ON | 2007/03/12 18:30 |